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November 16, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Patent No. US 6,956,163 B2  
Issued: October 18, 2005  
For: APPARATUS AND METHOD FOR PHOTOVOLTAIC  
ENERGY PRODUCTION BASED ON INTERNAL  
CHARGE EMISSION IN A SOLID-STATE  
HETEROSTRUCTURE  
Serial No.: 10/645,747  
Filed: August 20, 2003  
Our File: 500451-1004

Dear Sir:

Enclosed please find a Certificate of Correction for the subject patent. The Certificate of Correction contains errors made on the part of the Patent Office so no fee is enclosed. Below are minor errors that were made on the part of the Applicant and a certificate of correction is not deemed necessary. However, Applicant desires this letter of correction be made of record in the file.

- Col. 1, line 49, replace "however" with -- however, --.
- Col. 1, line 55, replace "band gap" with -- band-gap--.
- Col. 1, line 58, replace "band gap" with -- band-gap--.
- Col. 2, line 25, replace "agents which" with -- agents, which--.
- Col. 2, line 26, replace "molecule are" with -- molecule, are--.
- Col. 3, line 22, replace "photosensitive layer" with -- photosensitive layers--.
- Col. 4, line 7, replace "prior art" with -- prior art,--.
- Col. 4, line 19, replace "light absorption" with -- light absorption, --.
- Col. 6, line 27, replace "FIG. 17" with --FIG. 7--.
- Col. 6, line 30, replace "photosensitizer layer 10" with --photosensitive layer 10--.
- Col. 6, line 41, replace "photosensitizer layer 10" with --photosensitive layer 10--.
- Col. 6, line 43, replace "imbedded" with -- embedded --.
- Col. 7, line 10, replace "barrier height 25" with --Schottky barrier 25--.
- Col. 7, line 53, replace "photosensitizer 10" with -- photosensitive layer 10--.
- Col. 7, line 57, replace "present invention" with -- present invention, --.
- Col. 7, line 66, replace "photosensitizer layer 10" with --photosensitive layer 10--.

**Certificate**  
NOV 28 2005  
**of Correction**

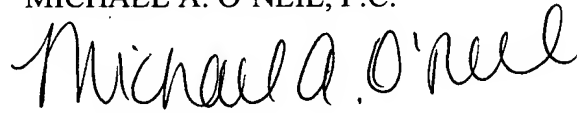
NOV 29 2005

Col. 7, line 67, replace "material 40 comprising" with --material 40 comprised--.  
Col. 8, line 20, replace "photosensitizer layer 10" with --photosensitive layer 10--.  
Col. 8, lines 59-60, replace "photosensitizer layer 10" with -- photosensitive layer 10--.  
Col. 9, line 3, replace "is deposited in a parallel" with -- are deposited in a parallel--.  
Col. 9, line 25, replace "structure or molecule" with -- a structure or molecule--.  
Col. 9, line 45, replace "conducting layer 31" with -- front conducting layer 31--.  
Col. 9, line 49, replace "metal conductor 31" with --ultra-thin front conducting layer 31--.  
Col. 10, line 2, replace "(HOMO) level lower" with -- (HOMO) level is lower--.

If you have any questions, please call me.

Very truly yours,

MICHAEL A. O'NEIL, P.C.

A handwritten signature in black ink that reads "Michael A. O'Neil". The signature is written in a cursive, flowing style.

Michael A. O'Neil

Enclosure

cc: Leonard Judson, Esq. (w/encl.)  
Dr. Eric W. McFarland (w/encl.)

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. (Also Form PTO-I050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : US 6,956,163 B2  
DATED : October 18, 2005  
INVENTOR(S) : Eric W. McFarland

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### IN THE SPECIFICATION

Col. 3, line 3, replace "583-5851" with --583-585--.

Col. 3, line 38, replace "inter alia" with -- *inter alia*--.

Col. 4, line 50, replace "use components" with -- use reactive components--.

Col. 4, line 60, replace "dyesensitized" with -- dye-sensitized--.

Col. 8, line 25, replace "conduction energy band 38" with -- conduction band energy level 38--.

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PATENT No. US 6,956,163 B2

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